#### Current session 31/07/2006

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1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image
Patent Number :
  US5743046 A 19980428 [US5743046]
Title :
  (A) Jack shaft door garage operator
Patent Assignee :
  (A) CHAMBERLAIN GROUP INC (US)
Patent Assignee :
  The Chamberlain Group, Inc., Elmhurst IL [US]
Inventor(s):
  (A) SIEGLER MARK D (US); CHANG JAMES S (US); MILLER DAVID J (US)
Application Nbr :
  US82974297 19970331 [1997US-0829742]
Filing Details :
  Cont. of US456874 19950601 [1995US-0456874] (Abandoned)
Priority Details :
  US45687495 19950601 [1995US-0456874]
US82974297 19970331 [1997US-0829742]
Intl Patent Class :
  (A) E05F-011/00
IPC Advanced All:
  E05F-015/16 [2006-01 A - I R M EP]
  E05D-015/24 [2006-01 A - N R M EP]
IPC Core All :
  E05F-015/16 [2006 C - I R M EP]
  E05D-015/16 [2006 C - N R M EP]
EPO ECLA Class :
  E05F-015/16B9D
EPO ICO Class :
  P05D-013/12G2
  P05D-015/24
US Patent Class :
  ORIGINAL (O) : 049199000;
                             CROSS-REFERENCE (X): 049322000
Document Type :
  Basic
Citations :
  US1216202; US1417104; US1465695; US1863961; US2096251; US2185828;
  US2580311; US2841724; US2882044; US3147001; US3311159; US3412780;
  US3685567; US3785089; US3934635; US4085629; US4202644; US4241540;
  US4274227; US4356668; US4385471; US4460030; US4472910; US4520591;
  US4538661; US4597224; US4597428; US4621452; US4653565; US4956938;
  US5064147; EP151427 A; EP151427; FR2634815 A3
  Designer's Notebook, Six Ways to Reduce Costs with Trantorque Keyless
  Bushings, Fenner Manheim, Manheim, PA.
  Brochure, Trantorque, Fenner Manheim, Manheim, PA.
  Installation Instructions, Cable Keeper, Set-Rite Seal Co., Levittown,
  Garage Door Opener Owner's Manual, Series 651-2MM-1/2HP, Series
  601MM-1/2HP, Series 151MM-1/4HP, The Chamberlain Group, Inc., published
  1993.
  Lift Master Model MJ Series 1000 Commercial Operator Medium Duty Jack
  Shaft Operator, published by The Chamberlain Group, Inc. more than one
```

year before Jun. 1, 1995.

Model GJ Series 3000 Commercial Operator Gear Head Jack Shaft Operator, published by The Chamberlain Group, Inc. more than one year before Jun. 1, 1995.

"Instructions for Installation of 139.53709 Quick Turn Brackets," Document No. 114A798, published by the Chamberlain Group, Inc. more than one year before Jun. 1, 1995.

"ATL Rolls Out the Best Warranty in the Industry," Arrow Tru-Line, INc., published more than one year before Jun. 1, 1995.

"Posi-Tension Drums . . . One of the Many Reasons Why You Should Be Getting 'The Original' . . 'Overhead Door'", published more than one year before Jun. 1, 1995.

"SpecData", from Door Oper. & Remote Controls Mfs. Assn. & Nat'l Assn. of Garage Door Mfs., Nov. 1983 (supersedes Feb. 1977).

"Architectural Specifications", manufactured by Link Controls, 2111 Lakeland Ave., Ronkonoma, NY 11779.

Publication Stage :

(A) United States patent

1 / 1 LGST - ©EPO

Patent Number :

US5743046 A 19980428 [US5743046]

Application Number :

US82974297 19970331 [1997US-0829742]

Action Taken :

20000613 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20000412

Update Code :

2003-22

1 / 1 CRXX - ©CLAIMS/RRX

. Patent Number :

5,743,046 A 19980428 [US5743046]

Patent Assignee :

Chamberlain Group Inc

Actions :

20000412 REISSUE REQUESTED

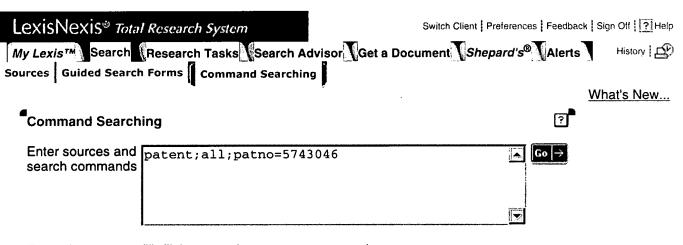
Issue Date of O.G.: 20000613

Reissue Request Number: 09/547563

Examination Group responsible for Reissue process: 3623

Search statement 2

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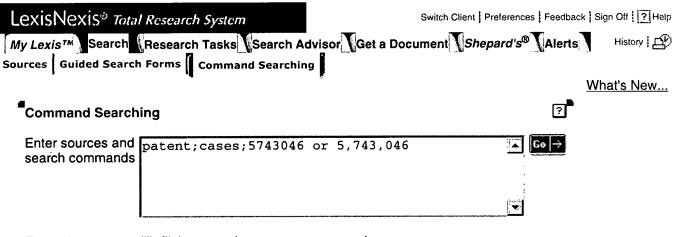


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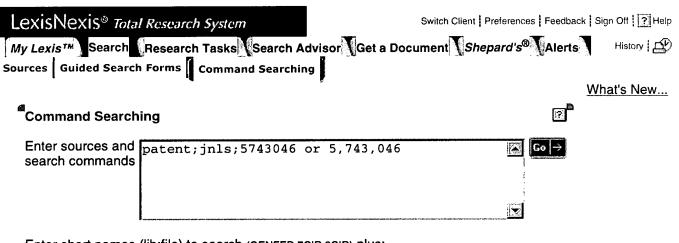
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# 1 of 1 DOCUMENT

#### UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

#### 5743046

#### Link to Claims Section

# April 28, 1998

# Jack shaft door garage operator

REISSUE: April 12, 2000 - Reissue Application filed Ex. Gp.: 3623; Re. S.N. 09/547,563 (O.G. June 13, 2000)

**APPL-NO:** 829742 (08)

FILED-DATE: March 31, 1997

GRANTED-DATE: April 28, 1998

ASSIGNEE-AT-ISSUE: The Chamberlain Group, Inc., Elmhurst, Illinois, United States (US), United States company

or corporation (02)